

QuickWx_IP_10Series

**Defense Information Infrastructure (DII)
Common Operating Environment (COE)**

**Installation Procedures (IP)
for the
Quick Weather Segment
Release 1.0 Series**

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1 SCOPE

1.1 Identification

These Installation Procedures (IP) describe the installation of the Quick Weather Browser Segment of the METCAST data distribution software, Release 1.0 Series, developed by Fleet Numerical Meteorology and Oceanography Center (FNMOC), Monterey, CA. This document has been developed in accordance with DII COE Developer Documentation Requirements (DDR-2). This software runs under the following hardware and operating systems:

- Personal Computer (PC) running the Microsoft Windows NT 4.0 operating system with Service Pack 6 or higher, Windows XP, Windows 2000, or Windows 98.

This document has been developed in accordance with the *DII COE Developer Documentation Requirements, Version 2.0*.

1.2 System Overview

Quick Weather is a lightweight client that provides a quick way to receive textual observation and forecast data (METARs, SPECIs and TAFs) for stations selected by the user. After configuring the program to connect to a Metcast server, the user simply enters or selects the ICAO call signs of the stations whose reports are desired, then tells the program to retrieve and display the reports.

The Quick Weather Segment includes a graphical user interface (GUI) to allow the user to select the stations to be retrieved, and a retriever process that establishes communication with a METCAST server, submits a request for the data requested, and delivers the reply to the local user. The METCAST Server comprises a separate segment.

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2 REFERENCED DOCUMENTS

2.1 Government Documents

DDR-2 23 January 1998	<i>Defense Information Infrastructure (DII) Common Operating Environment (COE) Developer Documentation Requirements, Version 2.0</i> , Defense Information Systems Agency, Joint Operability and Engineering Organization
Unnumbered 18 June 1998	<i>Software Requirements Specification for METCAST</i> , Space and Naval Warfare Systems Command, Environmental Systems Program Office (SPAWAR PMW-155), San Diego, CA
QuickWx_SVD_1000 20 February 2003	<i>Software Version Description for the Quick Weather Browser, release 1.0.0.0</i>
QuickWx_UM_10Series 20 February 2003	<i>User Manual (UM) for the Quick Weather Browser, release 1.0 Series</i>

2.2 Non-Government Documents

None.

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3 SYSTEM ENVIRONMENT

3.1 System Requirements

3.1.1 Hardware Requirements

The Quick Weather segment is hosted on an IBM-Compatible Personal Computer (PC).

The following configuration is recommended:

- RAM: 96 MB minimum, 128 MB optimum
Disk Space: 1 GB

3.1.2 Operating System Requirements

Microsoft Windows NT 4.0 with Service Pack 6 or higher, Windows XP, Windows 2000, or Windows 98.

3.1.3 Kernel Requirements

Not applicable.

3.2 System and Site Preparations

3.2.1 System Configuration

The appropriate operating system (as described above) must be properly installed prior to loading the Quick Weather segment.

In order to operate properly, the Quick Weather browser requires access to an installed METCAST Server. The server need not be on the same machine as the Quick Weather browser, but must be accessible via the network. Quick Weather is supplied with a configuration that points it to servers at FNMOC.

3.2.2 Operating System Preparation

Information needed to prepare the operating system is found in the internal documentation for Windows NT 4.0 with Service Pack 6 or higher, Windows XP, Windows 2000, or Windows 98.

3.2.3 Tape/Disk Preparation

The Quick Weather segment software is delivered on a CD-ROM for the PC hardware environment. It is also available on the World Wide Web at <http://www.fnmoc.navy.mil> under the Software and Manuals link (password required).

4 INSTALLATION INSTRUCTIONS

The following procedures describe the installation of the Quick Weather Segment software on the various target platforms.

4.1 Installation on PC (Windows NT 4.0, 2000, 98) Systems

4.1.1 CD-ROM Booting Procedure for Windows Systems

1. Insert the CD-ROM containing the Quick Weather software into the CD-ROM drive. If autorun is turned on for the CD-ROM, the disk will spin and the METCAST Client/JMV/Quick Weather setup program will start automatically. Otherwise:
2. Click on the **Start** button at the lower left side of the screen.
3. Click on **Settings**.
4. Click on **Control Panel**.
5. Click on **Add/Remove Programs**.
6. Ensure the **Install/Uninstall** tab is selected and click on the **Install** button.
7. Click on the **Next** button.
8. The Command Line box in the next dialog should show D:\SETUP.EXE (assuming D is the letter assigned to the CD-ROM drive). If it does, click the **Finish** button to commence installation. When the setup program executes, the METCAST Client/JMV/Quick Weather installation screen shown below will appear.



Figure 1. Installation Screen for METCAST Client, JMV and Quick Weather

To install Quick Weather, click on the **Install Quick Weather** button. Proceed to Section 4.1.3.

4.1.2 Booting Procedure for Web Download Version for Windows Systems

1. Using a web browser, go to <http://www.fnmoc.navy.mil>. Level I or II access is required to obtain the software. After logging in, navigate down to the Software and Manuals section in the left-hand menu, then click on the **Software and Manuals** link. On the page showing the available software, click on the yellow Download button corresponding to the latest version of Quick Weather 1.0.x.x (x.x being the minor version numbers). Download the installation file to a temporary directory on your hard drive.
2. Close the browser and navigate to the directory where you downloaded the installation file and double click on the file to commence installation. Click the **Next >** button on the opening screen to start the installation.

Installation on Windows Systems

1. Upon execution of the setup file, a Welcome window will appear to start the installation process. Click on the **Next** button.
2. A window will appear showing you your current proxy settings. These are automatically read from your Internet Explorer or Netscape settings. It is recommended that you accept the settings shown by clicking the **Next** button.
3. A Choose Destination Location window will appear. It is recommended that you click on the **Next** button to accept the default settings. Click the Browse button to enter a different installation location, if desired. A progress dialog will then show the progress of the installation.
4. At the final Quick Weather Installation Completed window, you can click on the **Launch Quick Weather Now** button and then click on the **Finish** button if you want to start the Quick Weather browser right away. You may also check the **view Readme file** checkbox, and then click on the Finish button to view the readme.txt file that contains a list of important changes included in this version of the software. This completes the installation. Clicking on the **Finish** button without the **Launch Quick Weather Now** checkbox checked will simply exit the installation program.
5. Click on the **Exit** button in the METCAST/JMV/Quick Weather installation window to close it.

4.2 Installation of Upgrades

Installation of upgrades will generally follow the same procedures listed above.

4.3 Installation Verification

The Windows NT Add/Remove Programs item under the Control Panel can be used to verify the presence of the software in the directories to which it was installed

4.4 Initializing the Software

No initialization is specifically required. The graphical user interface (GUI) of the Quick Weather browser program allows the user to set the addresses of the data servers to be used (defaults are supplied with the installation). See the *Quick Weather User Manual* referenced in Section 2.1 for details.

4.5 List of Changes and Enhancements

This section is tailored out. A list of changes and enhancements in this release is contained in Appendix B of the *Software Version Description* cited in Section 2.1.

4.6 Important Considerations

None.

5 NOTES

5.1 Glossary of Acronyms

COE	Common Operating Environment
DII	Defense Information Infrastructure
FNMOC	Fleet Numerical Meteorology and Oceanography Center
GUI	Graphical User Interface
HTTP	Hyper-Text Transfer Protocol
IP	Installation Procedure
IP	Internet Protocol
METCAST	METOC Broadcast
METOC	Meteorological and Oceanographic
MIME	Multipurpose Internet Mail Extensions
PC	Personal Computer
SRS	Software Requirements Specification
SVD	Software Version Description
T&E	Test and Evaluation
TCP	Transport Control Protocol
UM	User Manual